

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/24570

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04S3/00 H04S5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 054 575 A (BOSE CORP) 22 November 2000 (2000-11-22) the whole document	1, 25, 29
A	WO 99 51063 A (DICKINS GLENN NORMAN ; LAKE DSP PTY LTD (AU)) 7 October 1999 (1999-10-07) page 3, line 4 -page 4, line 12 page 5, line 26 -page 6, line 29; figures	1, 25, 29
A	US 6 009 179 A (EMBREE PAUL ET AL) 28 December 1999 (1999-12-28) column 1, line 62 -column 2, line 41 column 3, line 41 -column 4, line 35 column 5, line 36 -column 8, line 55; figures	1, 25, 29

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

31 March 2004

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07/04/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			EP 1054575 A2	22-11-2000
			JP 2000350300 A	15-12-2000
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			TW 391149 B	21-05-2000
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			US 6002775 A	14-12-1999